

west virginia department of environmental protection

Division of Water and Waste Management 601 57th Street SE Charleston, WV 25304-2345 Telephone Number: (304) 926-0495 Fax Number: (304) 926-0463

Joe Manchin III, Governor Stephanie R. Timmermeyer, Cabinet Secretary www.wvdep.org

ORDER ISSUED UNDER THE WATER POLLUTION CONTROL ACT WEST VIRGINIA CODE, CHAPTER 22, ARTICLE 11

Virginia Electric & Power Co. TO:

Mount Storm Plant 5000 Dominion Blvd.

Glen Allen, VA 23060

ORDER NO.: 6291

DATE: April 14, 2008

The following findings are made and Order issued to Virginia Electric & Power Co. pursuant to the authority vested in the Director of the Division of Water and Waste Management under Chapter 22, Article 11, Section 1 et seq. of the Code of West Virginia.

FINDINGS OF FACT

- 1. Virginia Electric & Power Co. (VEPCO) owns and operates the Mt. Storm Power Plant located in Grant County. This facility is permitted (WV/NPDES Permit No. WV0005525 issued the 14th day of April 2008) to discharge treated process wastewater, cooling water, sewage, and storm water runoff via Outlet 001 (discharge from Mt. Storm Lake) into Stony River of the North Branch of the Potomac River.
- The reissued permit contains final summer and Winter temperature effluent limitations and temperature difference stream limitations at Outlet 001. The temperature limitations in the current permit are in accordance with water quality criteria; however, VEPCO cannot currently achieve these effluent limitations.
- VEPCO applied for a 316(a) thermal variance, but a 316(a) thermal variance has not been 3. granted.
- VEPCO has been working with the West Virginia Department of Environmental Protection (WVDEP) and the United States Environmental Protection Agency (USEPA) to determine what is needed to meet the requirements for a 316(a) thermal variance.
- In order to qualify for a 316(a) thermal variance, VEPCO must demonstrate that any thermal effluent limitations less stringent than those necessary to be protective of West Virginia Water Quality Standards as identified in 47 CSR 2 will assure the protection and propagation of a balanced, indigenous population of shellfish, fish, and wildlife in and on the body of water into which the discharge is made.
- At present, the thermal discharge from Outlet 001 does not assure the protection and propagation of a balanced, indigenous population of shellfish, fish, and wildlife in and on the Stony River.

- 7. VEPCO submitted a plan of action (compliance schedule) on May 3, 2007 to minimize the thermal impacts of the discharge from Outlet 001. The plan consists of the installation of a weir and flow and temperature measurement instrumentation at the base of the dam and spillway gates, installation of a discharge control system, and installation of a new cooling tower system.
- 8. In order to ensure the protection of water quality standards and/or the protection and propagation of a balanced, indigenous population of shellfish, fish, and wildlife, and ensure compliance with water quality standards the temperature of the discharge from Outlet 001 into the Stony River must be reduced and rapid temperature fluctuations must be minimized year round.

ORDER FOR COMPLIANCE

And now, therefore, in accordance with Chapter 22, Article 11, Section 1 et. Seq. of the WV Code, VEPCO is hereby ORDERED to do the following:

- 1. VEPCO shall implement lake management controls to minimize, to the maximum extent practicable, the thermal discharges and thermal variations in the discharges from the lake at all times. Further, these controls shall be designed to preclude any discharge over the spillway up to and including a 24-hour, 25-year storm event. A 24-hour, 25-year storm event is defined as 3.81 inches of rain over a 24-hour period at normal operating pool.
- 2. VEPCO shall install a weir at the discharge from the stilling basin. VEPCO shall provide for continuous monitoring for temperature and flow at the weir with the ability to obtain data on a year round basis. VEPCO shall also install a discharge control system capable of controlling the release of water at the spillway.
- 3. VEPCO shall install a cooling system capable of assuring temperatures below the spillway necessary for the protection of water quality standards and/or the protection and propagation of a balanced, indigenous population of shellfish, fish, and wildlife in the lower Stony River. However, it should be noted that a successful 316(a) demonstration will ultimately depend upon the requirements in Item No. 6 below. As such, subsequent temperature reductions may be necessary to ensure said requirements are demonstrated. The cooling tower system shall be designed to discharge to the lake and the overflow from the spillway.
- 4. VEPCO shall develop an Operational Plan for the discharge weir, spillway gate, discharge control system, and cooling tower system. This Operational Plan shall be developed in a manner to minimize, to the maximum extent practicable, the thermal discharges and thermal variations in the discharges from the lake.
- 5. VEPCO shall adhere to the compliance schedule found in Attachment A of this Order.

- 6. Expected stocking of fish from the Balanced Indigenous Population (BIP) list (see Attachment B) shall be coordinated with the WVDNR and commence in the Stony River following the completion of the construction of the spillway gate modifications (November 2010). The elimination of predator species shall be done only with the consultation and approval of WVDNR. Success for a 316(a) demonstration will be measured by the presence of a sustaining BIP, including evidence of reproduction. Success shall also be determined by the biological integrity of Stony River by collection and identification of benthic macroinvertebrates in accordance with the West Virginia Stream Condition Index (WVSCI) protocol. The WVDEP recognizes that impoundments influence filter feeder abundance and that the benthic community in Stony River may not achieve as high a WVSCI score as an otherwise similar, but unimpounded stream.
- 7. In order to qualify for a 316(a) variance, VEPCO shall have attained a sustaining BIP in the Stony River between the Mt. Storm Lake Dam and the confluence with Four-Mile Run.
- 8. Final summer (May 1 November 30) temperature effluent limit means an instantaneous maximum effluent temperature limitation of 87° Fahrenheit (F).

Final winter (December 1 – April 30) temperature effluent limit means an instantaneous maximum effluent temperature limitation of 73° F.

Final temperature difference stream limit means an instantaneous maximum stream difference temperature limitation of 5° F.

Interim summer (May 1 – November 30) temperature effluent limit means an instantaneous maximum effluent temperature limitation of 95° F until July 1, 2014.

Interim winter (December 1 – April 30) temperature effluent limit means an instantaneous maximum effluent temperature limitation of 75° F until July 1, 2014.

Interim temperature difference stream limit means monitor only until July 1, 2014.

VEPCO shall comply with the final summer and winter temperature effluent limitations and the final temperature difference stream limitation or the resultant limitations from a granted 316(a) variance at Outlet 001 as soon as possible but no later than July 1, 2014. Until that time, the permittee shall comply with the interim summer and winter temperature effluent limitations and the interim temperature difference stream limitation at Outfall 001.

OTHER PROVISIONS

- Compliance with the terms and conditions of this Order shall not in any way be construed as
 relieving VEPCO of the obligation to comply with any applicable law, permit, other order,
 or any other requirement otherwise applicable. Violations of the terms and conditions of
 this Order may subject VEPCO to additional enforcement action in accordance with the
 applicable law.
- 2. The provisions of this Order are severable and should a court or board of competent jurisdiction declare any provisions to be invalid or unenforceable, all other provisions shall remain in full force and effect.
- This Order is binding on VEPCO, its successors and assigns.
- 4. This Order shall terminate upon VEPCO's notification of full compliance with the "Order for Compliance" and verification of this notification by WVDEP.

RIGHT OF APPEAL

Notice is hereby given of your right to appeal the terms and conditions of this Order which you are aggrieved to the Environmental Quality Board by filing a NOTICE of APPEAL on the form prescribed by such Board, in accordance with the provisions of Section 21, Article 11, Chapter 22 of the Code of West Virginia within thirty (30) days after receipt of this Order.

This Order shall become effective upon receipt.

Lisa A. McClung, Director

Division of Water and Waste Management

LAM/wjs

cc w/attachments:

Env. Inspector

Env. Insp. Supervisor

EPA Region III

ATTACHMENT A

ORDER No. 6291

Compliance Schedule

1.	Oct. 01, 2008	Submit Spillway Gate Design to DEP.
2.	Oct. 01, 2008	Submit Measurement Weir Design to DEP.
3.	Oct. 01, 2008	Submit Discharge Control System Design to DEP.
4.	Mar. 01, 2009	Submit Annual Progress Report for 2008 Activities to DEP.
5.	Apr. 01, 2009	Submit Cooling System Design to DEP.
6.	Nov. 01, 2009	Complete Discharge Control System Installation.
7.	Nov. 01, 2009	Complete Measurement Weir Installation.
8.	Mar. 01, 2010	Submit Annual Progress Report for 2009 Activities to DEP.
9.	Nov. 01, 2010	Complete Spillway Gate Modification.
10.	Mar. 01, 2011	Submit Annual Progress Report for 2010 Activities to DEP.
11.	Jul. 01, 2011	Complete Cooling System Installation and Commence Operation.
12.	Jan 31, 2012	Submit Operation Plan for Minimizing Thermal Impacts.
13.	Mar. 01, 2012	Submit Annual Progress Report for 2011 Activities to DEP.
14.	Mar. 01, 2013	Submit Annual Progress Report for 2012 Activities to DEP.
15.	Jul. 01, 2014	Comply with Final Temperature Limitations and/or Obtain an Approved 316(a) Variance.

ATTACHMENT B

ORDER No. 6291

Balanced Indigenous Population List

- 1. Central Stoneroller
- 2. Spotfin Shiner
- 3. Blacknose Dace
- 4. White Sucker
- 5. Creek Chub
- 6. Fantail Darter
- 7. Greenside Darter
- 8. Northern Hogsucker
- 9. Channel Catfish
- 10. Bluegill
- 11. Green Sunfish
- 12. Smallmouth Bass
- 13. Largemouth Bass
- 14. Native Crayfish

ATTACHMENT A - ORDER NO. 6291

A.001 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS: Order Limitations

Such discharges shall be lim	Monitoring Requirements								
Effluent Characteristic	Qua	ntitv	<u>Dis</u> <u>Units</u>	scharge Limitat	ions Other Units		Units	Measurement Frequency	Sample Type
Temp. Diff. Up/Down Stream (F) (Year Round) (ML-2)	N/A	N/A	N/A	Rpt Only Inst. Min.	Rpt Only Avg. Monthly	Rpt Only Inst. Max.	DEG.F	1/week	Calculated
Difference between discharge and	upstream of M	ount Storm L	ake.						
Temperature, F (Summer May 1-Nov 30) (ML-1)	N/A	N/A	N/A	Rpt Only Inst. Min.	Rpt Only Avg. Monibly	95 Inst. Max.	DEG.F	Continuous	measured
Discharge temperature from May 1	thru Nov 30.								
Temperature, F (Winter Dec 1-Apr 30) (ML-1)	N/A	N/A	N/A	Rpt Only Inst. Min.	Rpt Only Avg. Monthly	75 Inst. Mex.	DEG.F	Continuous	measured
Discharge temperature from Dec 1	thru Apr 30.								

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): In Mount Storm Lake prior to the spillway gate, except for temperature and flow which shall be measured at the base of the spillway.

This discharge shall not cause violation of Title 47, Series 2, Section 3, of the West Virginia Legislative Rules issued pursuant to Chapter 22B, Article 3.

Permit No.: WV0005525

STATE OF WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

Interim Order Limitations Summer May 1-Nov 30

FACILITY NAME: (MOL LOCATION OF FACILIT		TORM; Grant	County		IC & P		FIED LABORA FIED LABORA	TORY NAME: TORY ADDRES	 68:	······································			
PERMIT NO.: WV0005 WASTELOAD FOR THE			JTLET NO.: <u>00</u>	1		INDIVI	DUAL PERFO	RMING ANALYS	SIS:				
A CAN CAN CAN		janin Masar	Quantity	er was	9-131 B	APR. (1) (1)		other Units		37.500		Measurement	Sample
Parameter				Units	N.E.				CÉL*	Units	N.E.	Frequency	Туре
00530 (ML-1) RF-A	Reported				-								
Total Suspended Solids Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		2/month	24 hr Composite
00400 (ML-1) RF-A	Reported												
phl Year Round	Permit Limits	N/A	N/A			6 Inst. Min.	N/A	9 Inst. Max.	N/A	S.U.		2/month	Grab
00300 (ML-1) RF-A	Reported											******	
Dissolved Oxygen Year Round	Permit Limits	N/A	N/A			Rpt Only Inst. Min.	Rpt Only Avg. Monthly	Rpt Only Inst. Max.	N/A	mg/l		2/month	Grab
00600 (ML-1) RF-A	Reported						enteres successful to the second contract of						
Nitrogen, Total (as N) Year Round	Permit Limits	N/A	N/A			N/A	5 Avg. Monthly	Rpt Only Max. Delly	N/A	mg/l		1/month	24 hr Composite
00665 (ML-1) RF-A	Reported												
Phosphorus, Total Year Round	Permit Limits	N/A	N/A			N/A	0.5 Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	24 hr Composite
71900 (ML-1) RF-B	Reported												
Mercury, Total (as Hg) Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max, Dally	N/A	ug/l		1/quarter	Grab
01104 (ML-1) RF-B	Reported												
Aluminum, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	24 hr Composite
00980 (ML-1) RF-B	Reported												
Iron, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Mex. Delly	N/A	mg/l		1/quarter	24 hr Composite
* CEL = Compliance Evaluat	ion Level												
Name of Principal Execu	itive Officer	under my dire	ertify under penalty of law that this document and all attachments were prepared der my direction or supervision in accordance with a system designed to assure that tall all field personnel properly gather and evaluate the information submitted. Based on y inquiry of the person or persons who manage the system, or those persons directly										ror
Title of Officer	responsible f knowledge a penalties for	or gathering the	informat accurate, informa	ion, th	e information s implete. I am a	ubmitted is, to	the best of my e are significant	Authoriz	ed Agent				

STATE OF WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

Interim Order Limitations Summer May 1-Nov 30

FACILITY NAME: (MOL LOCATION OF FACILIT	Y: MOUNT S	TORM; Grant	County		C&P			ATORY NAME: ATORY ADDRES	:S:				
PERMIT NO.: WV0005 WASTELOAD FOR THE	525 MONTH OF:	OL	ITLET NO.: <u>00</u>	1		INDIVI	DUAL PERFO	RMING ANALYS	18:				
			Quantity		i jarah		Dayley False()		Measurement	Sample			
Parameter				Units	N.E.				CEL*	Units	N.E.	Frequency	Туре
00981 (ML-1) RF-B	Reported												
Selenium, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Dally	N/A	mg/i		1/quarter	24 hr Composite
00011 (ML-5) RF-A	Reported												
Temperature, F Year Round	Permit Limits	N/A	N/A			Rpt Only Inst, Min.	Rpt Only Avg. Monthly	Rpt Only Inst. Max.	N/A	DEG.F		1/week	Insitu
00011 (ML-1) RF-A	Reported										l		
Temperature, F Summer May 1-Nov 30	Order Limits	N/A	N/A			Rpt Only Inst. Min.	Rpt Only Avg. Monthly	95 Inst. Max.	N/A	DEG.F		Continuous	measured
03772 (ML-2) RF-A	Reported												
Temp. Diff. Up/Down Stream (F) Year Round	Order Limits	N/A	N/A			Rpt Only Inst. Min.	Rpt Only Avg. Monthly	Rpt Only Inst. Max.	N/A	DEG.F		1/week	Calculated
									N/A				***************************************
State of the state									N/A				
									N/A				
									-	ļ	-	<u></u>	
									N/A				
* CEL = Compliance Evaluati	on Level	<u> </u>	<u> </u>			1					_l		
Name of Principal Execu			r penalty of law						Date Co	mpleted	T		
		qualified pers	ection or super connel properly the person or p	gather an	id eval	uate the informage the	nation submitte	ed. Based on ersons directly		re of Princ		xecutive Office	ror
Title of Officer		responsible f knowledge at penalties for	or gathering the	e informat accurate, e informat	ion, th	e information s molete. I am	submitted is, to aware that the	the best of my re are significant	Admona	ed Agent	- 12 - 12 - 12 - 12 - 12 - 12 - 12 - 12		

STATE OF WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

Interim Order Limitations Winter Dec 1-Apr 30

FACILITY NAME: (MOI LOCATION OF FACILIT PERMIT NO.: WV0005	Y: <u>MOUNT 5</u> 525	STORM; Grant OL			28.P			ATORY NAME: ATORY ADDRES	SS:				
WASTELOAD FOR THE	E MONTH OF:					INDIVI		RMING ANALYS	IS:			,,,,	
Parameter			Quantity	Units	N.E			Other Units	CEL*	Units	N.E.	Measurement Frequency	Sample Type
00530 (ML-1) RF-A	Reported												
Total Suspended Solids Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		2/month	24 hr Composite
00400 (ML-1) RF-A	Reported												
pH Year Round	Permit Limits	N/A	N/A			6 Inst. Min.	N/A	9 Inst. Mex.	N/A	S.U.		2/month	Grab
00300 (ML-1) RF-A	Reported												
Dissolved Oxygen Year Round	Permit Limits	N/A	N/A			Rpt Only Inst. Min.	Rpt Only Avg. Monthly	Rpt Only Inst. Max.	N/A	mg/l		2/month	Grab
00600 (ML-1) RF-A	Reported												
Nitrogen, Total (as N) Year Round	Permit Limits	N/A	N/A			N/A	5 Avg. Monthly	Rpt Only Max. Dally	N/A	mg/l		1/month	24 hr Composite
00665 (ML-1) RF-A	Reported												
Phosphorus, Total Year Round	Permit Limits	N/A	N/A			N/A	0.5 Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	24 hr Composite
71900 (ML-1) RF-B	Reported												
Mercury, Total (as Hg) Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
01104 (ML-1) RF-B	Reported												
Aluminum, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	24 hr Composite
00980 (ML-1) RF-B	Reported												
Iron, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Mex. Daily	N/A	mg/l		1/quarter	24 hr Composite
* CEL = Compliance Evaluat	ion Level												
Name of Principal Execu	itive Officer	I certify unde	r penalty of law ection or super	that this d	ocum	ent and all atta	chments were	prepared	Date Co	mpleted			
Title of Officer	qualified pers my inquiry of responsible f	qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my										ror	
Curs 91 Onion		knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.											

STATE OF WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

Interim Order Limitations Winter Dec 1-Apr 30

LOCATION OF FACILITY PERMIT NO.: WV0005	525	OU	County JTLET NO.: 00	1		CERTI	FIED LABORAT	TORY ADDRES	S:				
WASTELOAD FOR THE	MONTH OF:					INDIVI		MING ANALYS	IS:				
Parameter			Quantity	Units	N.E.		0	ther Units	CEL*	Units	N.E.	Measurement Frequency	Sample Type
00981 (ML-1) RF-B	Reported												
Selenium, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Mex. Dally	N/A	mg/l		1/quarter	24 hr Composite
00011 (ML-5) RF-A	Reported			-									
Temperature, F Year Round	Permit Limits	N/A	N/A			Rpt Only inst. Min.	Rpt Only Avg. Monthly	Rpt Only Inst. Max.	N/A	DEG.F		1/week	Insitu
00011 (ML-1) RF-A	Reported												
Temperature, F Winter Dec 1-Apr 30	Order Limits	N/A	N/A			Rpt Only Inst. Min.	Rpt Only Avg. Monthly	75 Inst. Max.	N/A	DEG.F		Continuous	measured
03772 (ML-2) RF-A	Reported												
Temp. Diff. Up/Down Stream (F) Year Round	Order Limits	N/A	N/A			Rpt Only inst. Min.	Rpt Only Avg. Monthly	Rpt Only Inst. Max.	N/A	DEG.F		1/week	Calculated
									N/A				
									1977				
									N/A				
				**************************************					.,,,		-		
									N/A				
				nder billeformer blende ster forer segmin					N/A				
* CEL = Compliance Evaluati	on Level	<u></u>			<u></u>					<u> </u>	<u> </u>		
Name of Principal Execu	tive Officer						chments were plant		Date Co	mpleted			
		qualified pers	onnel properly	gather an	d eval	uate the inform	ation submitted	l. Based on	Signatur	e of Princ	ipal E	xecutive Officer	ror :
Title of Officer		responsible for	or gathering the	informati	on, the	e information s	m, or those per ubmitted is, to t	he best of my		ed Agent			
Talle of Cilicel		knowledge ar	nd belief, true, a	accurate, a informati	and co	mpiete. I am a	ware that there ability of a fine a	are significant					

STATE OF WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

Final Order Limitations Summer May 1-Nov 30

FACILITY NAME: (MOL LOCATION OF FACILIT PERMIT NO.: WV0005	TY: MOUNT S	STORM; Grant			: & P		IFIED LABORAT		3S:				
WASTELOAD FOR THE	E MONTH OF:	,				INDIVI	DUAL PERFOR	RMING ANALYS	31S:			***************************************	
Parameter			Quantity	Units	N.E.		Ot	ther Units	CEL*	Units	N.E.	Measurement Frequency	Sample Type
50050 (ML-1) RF-A	Reported		-		_					1	1		
Flow,In Conduit or thru plant Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Dally	N/A	mgd		Continuous	measured
00530 (ML-1) RF-A	Reported										1		
Total Suspended Solids Year Round	Permit Limits	N/A	N/A		l	N/A	Rpt Only Avg. Monthly	Rpt Only Mex. Daily	N/A	mg/l		2/month	24 hr Composite
00400 (ML-1) RF-A	Reported								1	1			
pH Year Round	Permit Limits	N/A	N/A			6 Inst. Min,	N/A	9 Inst, Max.	N/A	s.u.		2/month	Grab
00300 (ML-1) RF-A	Reported												
Dissolved Oxygen Year Round	Permit Limits	N/A	N/A		I <u></u>	Rpt Only Inst. Min.	Rpt Only Avg. Monthly	Rpt Only Inst. Max.	N/A	mg/i		2/month	Grab
	Reported								ľ	-			
Nitrogen, Total (as N) Year Round	Permit Limits	Rpt Only Avg. Monthly	Rpt Only Max. Daily	Lbs/Day		N/A	5 Avg. Monthly	Rpt Only Max. Dally	N/A	mg/l		1/month	24 hr Composite
00665 (ML-1) RF-A	Reported								į				
Phosphorus, Total Year Round	Permit Limits	Rpt Only Avg. Monthly	Rpt Only Max. Daily	Lbs/Day		N/A	0.5 Avg. Monthly	Rpt Only Max. Dally	N/A	mg/l		1/month	24 hr Composite
71900 (ML-1) RF-B	Reported												
Mercury, Total (as Hg) Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/I		1/quarter	Grab
01104 (ML-1) RF-B	Reported												
Aluminum, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max, Daily	N/A	mg/l		1/quarter	24 hr Composite
* CEL = Compliance Evaluati	ion Level												
Name of Principal Execu	under my dire	ection or super- sonnel properly	vision in acc	corda eval	nent and all atta ance with a syst luate the inform	o assure that d. Based on	Clause in at Danainal Elianatica Officer						
Title of Officer		my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.											

STATE OF WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

Final Order Limitations Summer May 1-Nov 30

FACILITY NAME: (MOLLOCATION OF FACILIT	Y: MOUNT	STORM; Grant	County	~~~		ERTIFIED LABORA		38:						
PERMIT NO.: WV0005 WASTELOAD FOR THE			JTLET NO.: 00)1		IDIVIDUAL PERFO	RMING ANALYS	SIS:						
WACTEL CABTER TIL	_ WORTH O		Quantity				Other Units			. 545)	Measurement	Sample		
Parameter				Units N	E S			CEL*	Units	N.E.	Frequency	Type		
00980 (ML-1) RF-B	Reported													
Iron, Total Recoverable Year Round	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max, Daily	N/A	mg/l		1/quarter	24 hr Composite		
00981 (ML-1) RF-B	Reported													
Selenium, Total Recoverable Year Round	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Dally	N/A	mg/l		1/quarter	24 hr Composite		
00011 (ML-5) RF-A	Reported													
Temperature, F Year Round	Permit Limits	N/A	N/A		Rpt Only Inst. Min.	Rpt Only Avg. Monthly	Rpt Only Inst. Max.	N/A	DEG.F		1/week	Insitu		
00011 (ML-1) RF-A	Reported													
Temperature, F Summer May 1-Nov 30	Order Limits	N/A	N/A		Rpt Only Inst. Min.	Rpt Only Avg. Monthly	95 Inst. Max.	N/A	DEG.F		Continuous	measured		
03772 (ML-2) RF-A	Reported													
Temp, Diff, Up/Down Stream (F) Year Round	Order Limits	N/A	N/A		Rpt Only Inst. Min.	Rpt Only Avg. Monthly	Rpt Only Inst. Max.	N/A DE	DEG.F		1/week	Calculated		
								N/A						
								NUMBER OF STREET						
								N/A						
SECTION CONTROL OF STATEMENT CONTROL SECTION CONTROL OF SECTION CONTRO								N/A						
* CEL = Compliance Evaluati	on Level	L			<u>l</u>				<u> </u>			<u></u>		
Name of Principal Execu		under my din	ection or super	vision in acco	dance with	ll attachments were a system designed	to assure that	Date Co	mpleted			ALCHARDA.		
Title of Officer	my inquiry of responsible f knowledge a penalties for	qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of n knowledge and belief, true, accurate, and complete. I am aware that there are signific penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.								y Authorized Agent Authorized Agent				

STATE OF WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

Final Order Limitations Winter Dec 1-Apr 30

Y: MOUNT 8	STORM; Grant	County		C & P				 BS:				
	A-1	JILET NO.: 00	.,		INDIVI	DUAL PERFOR	MING ANALYS	SIS:		······		
		Quantity	erinaryi.	વા મુક્કે જ		Service Of	her Units		oda ed a.c		Messurement	Sample
			Units	N.E.				CEL*	Units	N.E.	Frequency	Туре
Reported												
Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Dally	N/A	mgd		Continuous	measured
Reported												
Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max, Daily	N/A	mg/l		2/month	24 hr Composite
Reported												
Permit Limits	N/A	N/A			6 Inst. Min.	N/A	9 Inst. Max.	N/A	S.U.		2/month	Grab
Reported												
Permit Limits	N/A	N/A			Rpt Only Inst. Min.	Rpt Only Avg. Monthly	Rpt Only Inst. Max.	N/A	mg/l		2/month	Grab
Reported				T								
Permit Limits	Rpt Only Avg. Monthly	Rpt Only Max. Daily	Lbs/Day		N/A	6 Avg. Monthly	Rpt Only Max. Dally	N/A	mg/l		1/month	24 hr Composite
Reported												
Permit Limits	Rpt Only Avg. Monthly	Rpt Only Max. Daily	Lbs/Day		NA	0.5 Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	24 hr Composite
Reported												
Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
Reported												
Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	24 hr Composite
ion Level												
tive Officer								Date Co	mpleted			
Title of Officer		the person or p the person or p or gathering the nd belief, true, a submitting false	gather an persons whe informati accurate, a informati	d eval ho ma on, the	uate the inform nage the syste e information s emplete. I am a	ation submitted m, or those per ubmitted is, to t ware that there	l. Based on sons directly he best of my are significant	Signature of Principal Executive Officer or Authorized Agent				
	Permit Limits Reported Permit Limits	TY: MOUNT STORM; Grant 5525 OL MONTH OF: Reported Permit Limits	Permit Limits Reported Permit Limits Ript Only Avg. Monthly Max. Dally Reported Permit Limits Ript Only Avg. Monthly Avg. Monthly Avg. Monthly Avg. Monthly Avg. Monthly Reported Permit Limits Reported Permi	TY: MOUNT STORM; Grant County 5525 OUTLET NO.: 001 E MONTH OF: Quantity Units Reported Permit Limits N/A N/A N/A N/A N/A Lbs/Day Lbs/Day Avg. Monthly Max. Dally Reported Permit Limits N/A N/A N/A N/A N/A N/A Permit Limits Reported Permit Limits N/A N/A N/A N/A N/A N/A N/A N/	Permit Limits Reported	TY: MOUNT STORM; Grant County EMONTH OF: MONTH OF: MOUNT STORM; Grant County Guantity Units N.E. Reported Permit Limits N/A Permit Limits N/A Permit Limits N/A N/A N/A N/A N/A N/A N/A N/	TY: MOUNT STORM; Grant County 525 OUTLET NO.: 001 MONTH OF: Quantity OI Reported Permit Limits N/A N/A N/A N/A N/A N/A N/A N/	TY: MOUNT STORM; Grant County S25 OUTLET NO: Q01 MONTH OF: Guantity Other Units N/A Reported Permit Limits N/A N/A N/A N/A N/A N/A N/A N/	TY: MOUNT STORM; Grant County CERTIFIED LABORATORY ADDRESS: EMONTH OF: Quantity Other Units	TY: MOUNT STORM; Grant County SEZE OUTLET NO.: 901 MONTH OF: Cuarrity Other Units CERTIFIED LABORATORY ADDRESS: INDIVIDUAL PERFORMING ANALYSIS: INDIVIDUAL PERFORMING ANALYSIS: INDIVIDUAL PERFORMING ANALYSIS: CEL* Units Reported Permit Limits N/A N/A N/A N/A N/A N/A Reported N/A Reported N/A Reported Permit Limits N/A N/A N/A N/A N/A N/A N/A N/	CERTIFIED LABORATORY ADDRESS: COUTLET NO.: 901	MOUNT STORM; Grant County CERTIFIED LABORATORY ADDRESS

STATE OF WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

Final Order Limitations Winter Dec 1-Apr 30

FACILITY NAME: (MOU LOCATION OF FACILIT PERMIT NO.: WV0005	Y: MOUNTS	STORM; Grant			0 & P		FIED LABORAT	TORY NAME: TORY ADDRES	SS:				
WASTELOAD FOR THE			/ LET 140 <u>44</u>	<u> </u>	***************************************	INDIVI	DUAL PERFOR	MING ANALYS	IS:				
		andaum.	Quantity		2. S		oriana ji e O i	ther Units		ig Hailan		Measurement	Sample
Parameter				Units	N.E.				CEL*	Units	N.E.	Frequency	Type
00980 (ML-1) RF-B	Reported										 		
Iron, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	24 hr Composite
00981 (ML-1) RF-B	Reported							`					
Selenium, Total Recoverable Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Dally	N/A	mg/i		1/quarter	24 hr Composite
00011 (ML-5) RF-A	Reported												
Temperature, F Year Round	Permit Limits	N/A	N/A			Rpt Only Inst, Min,	Rpt Only Avg. Monthly	Rpt Only Inst, Max.	N/A	DEG.F		1/week	Insitu
00011 (ML-1) RF-A	Reported	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,										Annual National State of the Control	
Temperature, F Winter Dec 1-Apr 30	Order Limits	N/A	N/A			Rpt Only Inst. Min.	Rpt Only Avg. Monthly	75 Inst. Max.	AIN	DEG.F		Continuous	measured
03772 (ML-2) RF-A	Reported								, N/A DEG.F				
Temp. Diff. Up/Down Stream (F) Year Round	Order Limits	N/A	N/A			Rpt Only Inst. Min.	Rpt Only Avg. Monthly	Rpt Only Inst. Max.			1/week	Calculated	
									N/A				
									N/A				***************************************
									N/A				
* CEL = Compliance Evaluati	on Level	I	L		l		<u> </u>			!			
Name of Principal Execu							chments were		Date Co	mpleted]-
		qualified pers	onnel properly	gather and	eval	uate the inform	tem designed to ation submitted m, or those per	I. Based on			ipal E	xecutive Officer	or
Title of Officer		responsible for knowledge ar penalties for	or gathering the nd belief, true, a	information accurate, a information	on, the	e information s implete. I am a	ubmitted is, to t ware that there sibility of a fine a	he best of my are significant	Authoriz	ed Agent			

RIGHT OF APPEAL

Notice is hereby given of your right to appeal the terms and conditions of this order which you are aggrieved by to the Environmental Quality Board by filing a NOTICE OF APPEAL on the form prescribed by such Board for this purpose, with the Board, in accordance with the provisions of Section 21, Article 11, Chapter 22 of the Code of West Virginia within thirty (30) days after the date of receipt of such order.